Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 23 Oct 2022 until 23:59 on Monday 24 Oct 2022

Forecast Issued on Sunday 23 Oct 2022 at 01:49

Confidence: High for changeable, mild conditions with rain or showers at times. Lower confidence for daily rainfall amounts and timings.

Headline for Sunday 23 Oct 2022: A few hours of heavy rain then brighter with showers in afternoon, perhaps thundery.

Mountain weather hazards on Sunday 23 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy rain showers	Thundery showers	Cloudy	Cloudy
Precipitation probability					
30%	90%	60%	40%	10%	10%

Forecast for Sunday 23 Oct 2022

Weather: A dry start but rain will soon spread north across all areas, becoming heavy with a chance of lightning. Rain clearing then bright spells and a few showers in the afternoon, possibly heavy and thundery. Showers easing then clear spells and a few mist patches developing in the evening.

Chance of cloud-free hill tops above 600m: 30% in morning becoming 80% in afternoon.

Low cloud and visibility: Widespread cloud obscuring routes above 500m during the morning, with some patches down to 300m during heavy rain. Cloud lifting and breaking as rain clears. Poor visibility in the rain then becoming good during the afternoon as cloud lifts and breaks. Cloud returning to 600m during any showers. Visibility also becoming very poor in any mist patches that develop at low levels.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 23 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 SE	18/25 SE	17/23 SE	13/18 S	10/15 S	8/12 S	7/9 S
300	15/25 E	15/25 SE	14/20 SE	10/15 S	7/12 S	5/9 SE	4/7 S
Valley	9/22 E	10/24 SE	10/20 SE	7/14 S	5/13 SE	4/9 SE	2/6 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	10/7	11/8	11/9	10/8	10/8	9/7
300	13/10	13/10	13/11	14/12	12/11	12/12	10/10
Valley	13/12	13/11	14/13	15/14	12/12	12/11	11/11
Freezing Level*	2500m	2400m	2300m	2000m	2000m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very poor conditions for a few hours during the morning, with heavy, and possibly thundery, rain. Mostly drier and brighter during the afternoon – but don't get caught out with further heavy, perhaps thundery showers possible.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 23 Oct 2022	0.4mm	3.6mm	9.4mm

Forecast for Monday 24 Oct 2022

Weather: Mainly dry overnight with clear spells and a few areas of mist and fog, but these soon lifting. Otherwise a dry day with a mixture of bright spells and a few brief showers. These perhaps heavy with a small risk of lightning.

Maximum wind: Southwesterly 15 to 20mph with gusts up to 30mph.

Chance of cloud-free hill tops above 600m: 70%.

Low cloud and visibility: Early mist or fog patches at low levels readily clearing during the morning. Cloud occasionally obscuring tops above 500m in showers. Generally good visibility away from low cloud but briefly a few km in showers.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 16 Celsius.
At 600m: Plus 10 Celsius.
Freezing level: Well above summits.

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